If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.6.f 6 O'Clock (PEER 7) Chipmunk Tests

C-A-OP	M Procedures in v	which this Attachmen	t is used.	
4.120.6				
Hand Processed Changes				
HPC No.	<u>Date</u>	Page Nos.	<u>Initials</u>	
	Approved:	Signature on F	'ile	
		er-Accelerator Depar		

4.120.6.f 6 O'Clock (PEER 7) Chipmunk Tests

PASS SEMI-ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:	Checksum:		
Division B Software Filename and Checksum: Title:	Checksum:		
<u>Initial testing complete</u> :			
Test Team Leader's Name (Print):	_ Life Number:		
Test Team Leader's Name (Sign):	Date://		
Acceptance test procedure complete (following repairs and retesting if required):			
Test Team Leader's Name (Print):	Life Number:		
Test Team Leader's Name (Sign):	Date://		
Test results reviewed by:			
Safety Section Head's Name (Print):	Life Number:		
Safety Section Head's Name (Sign):	Date://		
Test results accepted by Radiation Safety Committee:			
RSC Member's Name (Print):	Life Number:		
RSC Member's Name (Sign):	Date://		

		Check for t	test acceptance of Chipmunk C33 in MODE 2	
		VERIFY	MCR sees Chipmunk as	O.K.
		VERIFY	Chipmunk is	CHIRPING
		CONNECT	Chipmunk to cable	
		DETACH	Chipmunk Test box from cable	
		VERIFY	MCR sees C233 Div A \square and Div B \square as	OK
	_	RESET	Failsafe at MCR	OV
		VERIFY	MCR sees the Chipmunk 233 Div A \square followed by Div B \square as	FAILSAFE
		PRESS	A & B Div FAIL buttons sequentially on the test box	
		VERIFY	MCR sees C232 Div A \square and Div B \square as	OK
		RESET	Interlock at MCR	O.V.
		VERIFY	MCR sees the Chipmunk 233 Div A □ followed by Div B □as	RAD
		PRESS	A & B Div Trip buttons sequentially on the test box	
		VERIFY	MCR sees Chipmunk 233 as	O.K.
		CONNECT	Chipmunk Test box to the Chipmunk cable	
		VERIFY	Attempt to reset Trip & Failsafe at MCR	FAIL
	_	RESET	Trip & Failsafe at MCR	
		VERIFY	MCR sees Chipmunk as	TRIP & FAILSAFE
	_	DETACH	Cable from Chipmunk	
		VERIFY	MCR sees Chipmunk as	O.K.
		VERIFY	Chipmunk is in good physical condition and is	CHIRPING
1.2		TEST VERIFY	Chipmunk C233 located at 1005E – 5GE1 in MODE 2 Chipmunk calibration date [/] is	VALID
		Check for t	test acceptance of Chipmunk C232 in MODE 2	
		VERIF I	MOR Sees Compinants as	U.IX.
		VERIFY	MCR sees Chipmunk as	O.K.
		VERIFY	Chipmunk to capie Chipmunk is	CHIRPING
		CONNECT	Chipmunk to cable	
		VERIFY DETACH	MCR sees C232 Div A □ and Div B □ as Chipmunk Test box from cable	UK
		RESET	Failsafe at MCR MCP and C222 Div A D and Div P D as	OK
		VERIFY	MCR sees the Chipmunk 232 Div A □ followed by Div B □as	FAILSAFE
	_	PRESS	A & B Div FAIL buttons sequentially on the test box	TIATE CA ===
		VERIFY	MCR sees C232 Div A \square and Div B \square as	OK
		RESET	Interlock at MCR	
		VERIFY	MCR sees the Chipmunk 232 Div A □ followed by Div B □as	RAD
	_	PRESS	A & B Div Trip buttons sequentially on the test box	
		VERIFY	MCR sees Chipmunk 232 as	O.K.
	_	CONNECT	Chipmunk Test box to the Chipmunk cable	
		VERIFY	Attempt to reset Trip & Failsafe at MCR	FAIL
		RESET	Trip & Failsafe at MCR	FAILSAFE
		VERIFY	MCR sees Chipmunk as	TRIP &
		DETACH	Cable from Chipmunk	mpro o
		VERIFY	MCR sees Chipmunk as	O.K.
		VERIFY	Chipmunk is in good physical condition and is	CHIRPING
		VERIFY	Chipmunk calibration date [/] is	VALID
1.1		TEST	Chipmunk C232 located at 1006B SE corner in MODE 2	

1.3		TEST	Chipmunk C234 located at 1007W – 6GE3 in MODE 2	
		VERIFY	Chipmunk calibration date [/] is	VALID
		VERIFY	Chipmunk is in good physical condition and is	CHIRPING
		VERIFY	MCR sees Chipmunk as	O.K.
		DETACH	Cable from Chipmunk	
		VERIFY	MCR sees Chipmunk as	TRIP & FAILSAFE
		RESET	Trip & Failsafe at MCR	
		VERIFY	Attempt to reset Trip & Failsafe at MCR	FAIL
		CONNECT	Chipmunk Test box to the Chipmunk cable	
		VERIFY	MCR sees Chipmunk 234 as	O.K.
		PRESS	A & B Div Trip buttons sequentially on the test box	
		VERIFY	MCR sees the Chipmunk 234 Div A \square followed by Div B \square as	RAD
		RESET	Interlock at MCR	0.77
		VERIFY	MCR sees C234 Div A \square and Div B \square as	OK
		PRESS	A & B Div FAIL buttons sequentially on the test box	
		VERIFY	MCR sees the Chipmunk 234 Div A □ followed by Div B □as	FAILSAFE
		RESET	Failsafe at MCR	
		VERIFY	MCR sees C234 Div A \square and Div B \square as	OK
		DETACH	Chipmunk Test box from cable	
		CONNECT	Chipmunk to cable	
		VERIFY	Chipmunk is	CHIRPING
		VERIFY	MCR sees Chipmunk as	O.K.
		TOP CON		
1.4	_	TEST	Chiamanh calibration data [374 I II D
		VERIFY	Chipmunk calibration date [/] is	VALID
		VERIFY	Chipmunk is in good physical condition and is	CHIRPING
		VERIFY	MCR sees Chipmunk as	O.K.
		DETACH VERIFY	Cable from Chipmunk MCR sees Chipmunk as	TRIP & FAILSAFE
		RESET	Trip & Failsafe at MCR	TRII & FAILSAFE
		VERIFY	Attempt to reset Trip & Failsafe at MCR	FAIL
	Ц	CONNECT	Chipmunk Test box to the Chipmunk cable	FAIL
		VERIFY	MCR sees Chipmunk 235 as	O.K.
		PRESS	A & B Div Trip buttons sequentially on the test box	0122
		VERIFY	MCR sees the Chipmunk 235 Div A □ followed by Div B □as	RAD
	_	RESET	Interlock at MCR	
		VERIFY	MCR sees C235 Div A \square and Div B \square as	OK
		PRESS	A & B Div FAIL buttons sequentially on the test box	
		VERIFY	MCR sees the Chipmunk 235 Div A □ followed by Div B □as	FAILSAFE
		RESET	Failsafe at MCR	
		VERIFY	MCR sees C235 Div A □ and Div B □ as	OK
		DETACH	Chipmunk Test box from cable	
		CONNECT	Chipmunk to cable	
		VERIFY	Chipmunk is	CHIRPING
		VERIFY	MCR sees Chipmunk as	O.K.
			test acceptance of Chipmunk C235 in MODE 2	

1.5		TEST	Chipmunk C236 located at 6ED1 - STAR in MODE 2		
		VERIFY	Chipmunk calibration date [/] is		VALID
		VERIFY	Chipmunk is in good physical condition and is		CHIRPING
		VERIFY	MCR sees Chipmunk as		O.K.
		DETACH	Cable from Chipmunk		TOTO O TAN GARD
		VERIFY	MCR sees Chipmunk as		TRIP & FAILSAFE
-		RESET	Trip & Failsafe at MCR		FAIL
L		VERIFY CONNECT	Attempt to reset Trip & Failsafe at MCR Chipmunk Test box to the Chipmunk cable		FAIL
Г		VERIFY	MCR sees Chipmunk 236 as		O.K.
		PRESS	A & B Div Trip buttons sequentially on the test box		0.11.
Г		VERIFY	MCR sees the Chipmunk 236 Div A □ followed by Div B □as		RAD
_		RESET	Interlock at MCR		
[VERIFY	MCR sees C236 Div A \square and Div B \square as		OK
		PRESS	A & B Div FAIL buttons sequentially on the test box		
		VERIFY	MCR sees the Chipmunk 236 Div A □ followed by Div B □as		FAILSAFE
_		RESET	Failsafe at MCR		OV
		VERIFY	MCR sees C236 Div A \square and Div B \square as		OK
		DETACH	Chipmunk Test box from cable		
		CONNECT	Chipmunk to cable		
		VERIFY	Chipmunk is		CHIRPING
		VERIFY	MCR sees Chipmunk as		O.K.
		Check for te	est acceptance of Chipmunk C236 in MODE 2		
			END OF TEST PROCEDURE		
TTL: Si	ign	for completion	n of initial testing:		
			Date:	1	1
TTL: Si	ign	for completion	of final testing:		
			Date:	_/	